

## **STATEMENT OF WORK**

### **A SCOPE:**

The Contractor shall provide all necessary personnel, facilities, materials, licenses, and permits necessary to receive, store, treat and dispose, as appropriate, Radioactive Mixed Waste (RMW) under this contract. The Contractor shall provide treatment and disposal of RMW shipped from any of the Department of Energy (DOE) offices, sites, Laboratories, Waste Generators, including DOE Management and Operating, and Management and Integration Contractors.

The waste to be covered by and addressed, as part of this Statement of Work, is mixed wastes (low-level radioactive mixed with Resource Conservation and Recovery Act (RCRA) wastes) that includes radioactive RCRA. The waste codes requiring treatment and disposal for this Program are listed in Exhibit 1, attached hereto and made a part hereof. The waste covered by this scope of work, once treated by appropriate means would need disposal in a RCRA cell. Exhibit 2, attached hereto and made a part hereof, reflects the maximum amount of each RCRA waste code that is allowable for treatment and disposal under the Contractor's licenses, and permits.

The waste to be disposed will be solids, debris, sludges, soils, building rubble, concrete, metals, glass, ashes, and asbestos.

The solids will include personal protective equipment, radiation shielding, process equipment, wood, filters, investigation derived wastes, and removal action wastes (generally as associated with environmental restoration type activities).

The sludges included are generally derived from treatment of groundwater, decontamination fluids and solutions, and some process streams.

Building rubble will generally be those associated with the demolition of DOE facilities formerly used for operations. Waste soils will include investigation derived waste and remedial action wastes. The wastes to be managed as part of this Statement of Work will not include classified wastes or wastes that must be disposed at DOE owned facilities.

The processes or treatment to be provided by the Contractor shall be those that meet the requirements of 40 CFR 268 (specifically those of 40 CFR 268.43), to assure that wastes meet land disposal restrictions.

### **B. BACKGROUND:**

The Chicago Operations Office, Waste Management Program, has a requirement for the combined "treatment and disposal" of radioactive mixed waste which will provide an economy of scale, and reduce the overall unit cost, of treatment and disposal of radioactive mixed waste; and provide an obtainable means for Waste Generators to meet aggressive annual clean-up goals.

The scope of this action will reduce the overall unit cost for treatment and disposal of radioactive mixed waste by combining "treatment and disposal" into one requirement. This will reduce the unit cost to the Government by that amount expended for second shipments to dispose of waste that remains within the RCRA characterization of waste that is not acceptable for disposal at a DOE site. Further, combining the requirements of DOE and DOE Waste Generators allows for a quantity discount which is not realized by individual DOE and DOE Waste Generator requirements.